

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 North Grand Avenue East, P.O. Box 19276, Springfield, Illinois 62794-9276 • (217) 782-2829 PAT QUINN, GOVERNOR LISA BONNETT, DIRECTOR

"Rockford Region Agricultural Field Investigation Report"

File: Green Management of Bureau County, LLC

County: Bureau

Date: May 23, 2013

Mailing Address: 2577 1945 N Avenue

Sheffield, IL 61361

Persons Interviewed: James McCune, Owner-Operator

Nicole McCune, Exemption 6 and Exemption 7(C)

Cargill Representatives:

Randy DeCrain, Field Representative,

Dan Wetherell, Environmental Supervisor, Exemption 6 and Exemption 7

Facility Addresses:

Exemption 6 and Exemption 7(C) 2577 1945 N Avenue, Sheffield, Illinois

13,800 finishers, 8 confinement buildings, 2 - 1.6 MG Slurrystores

Lat-Long: 41.438; -89.808

1100 beef cows and calves, earthen feedlot Commercial livestock trailer washing operation

Gold Township, Sections 20,21,28

- Anderson South Farm 22795 Ill. Rt. 40, Sheffield, Illinois
 - 3 1100-head confinement barns, 1.6 MG Slurrystore

Lat-Long: 41.479; -89.686 Manlius Township, Section 9

- M-2 Farm 18500 Ill. Rt. 40, Sheffield, Illinois
 - 3 1100-head confinement barns, 1.6 MG Slurrystore

Lat-Long: 41.417; -89.684 Manlius Township, Section 34

- 24127 150th Street East Avenue, Fairfield, Illinois M-4

3 - 1200-head confinement barns

Lat-Long: 41.499; -89.831 Fairfield Township, Section 32

Boar Power Farm - 450th Street East Avenue, Sheffield, Illinois 1 - 2400 head confinement barn, 2 - 1100-head confinement barns

Lat-Long: 41.441; -89.775 Gold Township, Section 23

Receiving Streams: Green River and Hickory Creek

Weather: Light rain; 50's

4302 N. Main St., Rockford, IL 61103 (815)987-7760 595 S. State, Elgin, IL 60123 (847)608-3131 2125 S. First St., Champaign, IL 61820 (217)278-5800 2009 Mail St., Collinsville, IL 62234 (618)346-5120

9511 Harrison St., Des Plaines, IL 60016 (847)294-4000 5407 N. University St., Arbor 113, Peoria, IL 61614 (309)693-5462 2309 W. Main St., Suite 116, Marion, IL 62959 (618)993-7200 100 W. Randolph, Suite 10-300, Chicago, IL 60601 (312)814-6026 Green Management of Bureau County, LLC - Bureau County May 23, 2013 Page Two

INTRODUCTION

A reconnaissance compliance inspection was completed on this date for James McCune of Sheffield, Illinois. McCune owns several swine buildings at five facility locations in Bureau County. McCune custom feeds the hogs which are owned by Cargill Corporation. Twenty confinement barns house approximately 38,600 swine finishers from 15 lbs to market weight. Approximately 15.5 million gallons of manure is applied annually to approximately 5000 acres of cropland. The manure is custom applied spring and fall by several manure applicators: Innskeep Pumping, Justin Petersen, and Barry Manthei. Each of the swine facilities have CNMPs that were in the process of being updated by Maurer-Stutz of Peoria, Illinois. None of the CNMPs were available at the time of the inspection.

The older swine buildings have shallow 2 ft partial manure pits that have a scraper system that transfers the liquid manure to a Slurrystore storage structure. The newer swine barns are designed with deep pits. Some of the swine manure is transferred off site to area farmers per contract agreement.

FACILITY DESCRIPTION

Exemption 6 and Exemption 7(C) 2577 1945 N Avenue, Sheffield:

Exemption 6 and Exemption 7(C)

The facility site

has two livestock enterprises: 13,800 swine finishers and 1100 beef cow/calf herd. A commercial livestock trailer washing operation is also located at this facility site. This livestock facility site is located in Sections 20, 21, and 28 of Gold Township, Bureau County, Illinois.

There are eight swine confinement barns at this site:

M-1 consists of three 1100-pig barns, all having shallow, 2 ft manure pits that contain a scraper system that transfers to a central reception pit and ultimately into a 1.6 MG Slurrystore. The buildings are naturally ventilated with curtain sides.

M-3 also consists of three 1100-pig barns identical to the M-1 site. A 1.6 MG Slurrystore stores the swine manure.

M-5 is a modern 3600-pig, confinement barn that contains an 8 ft manure pit. The building has a combination of tunnel/natural ventilation.

M-6 is identical to the M-5 building.

Three earthen feedlots house approximately 1100 beef cows and calf pairs. The feedlots are located adjacent to the 1945 N Avenue roadway, west of the home residence. The earthen feedlots are predominantly on a sandy loam soil type. This enterprise was started in the Fall of 2012 to utilize drought damaged corn that was harvested as corn silage. The silage is stored in a large concrete blocked bunker-type structure. Wet corn distillers and processed corn fodder comprises the balance of the cattle rations.

There was no wastewater discharge observed from this production center. It is undecided if the weaned calves will be sold or backgrounded at a different production facility site, according to McCune.

Green Management of Bureau County, LLC - Bureau County May 23, 2013 Page Three

Swine manure is hauled spring and fall. David and Gordon Innskeep custom pump the manure via drag hose injection into approximately 2500 acres of surrounding cropland at a rate of 8-10,000 gallons per acre. A flow meter is utilized on the applicator injector.

The pigs are owned by Cargill Corporation. Day-to-day operations are the responsibility of James McCune. Paco is the herdsman responsible for the entire swine complex and answers weekly to the Cargill representative Randy DeCrain (563-320-1979) as he makes his inspections. Cargill requires its custom feeders to electronically report available freeboard of each manure storage structure monthly. Each of the deep pitted barns requires a minimum of 12 inches of freeboard or the contract producer does not get paid. This amount of freeboard is crucial for optimum operating performance of the pit ventilation fans. Each of the barns has an emergency backup system designed in case of an electrical power interruption. This is tested monthly by the Cargill representative.

The pigs arrive at a weight of 10-15 lbs after the barns have been washed down and disinfected. They are ready for market in approximately 6 months.

Death loss is handled by a local rendering service.

The CNMP was in the process of being updated by Mauer-Stutz of Peoria, Illinois. It could not be reviewed at the time of the inspection.

The commercial truck washing operation had an operating permit (2006-EB-1586) that expired on September 30, 20111. The permit was not renewed.

A metal building comprises the livestock trailer washing shed. The semi-trailers, used for transporting cattle and hogs, are required to be washed and disinfected for disease prevention and general cleanliness. The wastewater and bedding material from the washing building flows by drain into a reception pit and is periodically pumped into an earthen storage basin. No freeboard marker was observed in the storage basin.

Anderson South Facility - 22795 Illinois Route 40, Sheffield:

This facility is owned by James McCune. The hogs at this location are owned by Cargill Corporation. Two groups of pigs are fed annually (6 months each) through these buildings. Processed feed is supplied by River Valley Feed Mill from Galva, Illinois. The facility is comprised of three 1100-hog confinement buildings with 2 ft manure pits. A scraper system transfers the manure into a reception pit which pumps into an adjacent 1.6 MG Slurrystore. The manure is utilized by neighboring farmers Harry McCune (brother) and Keith Bolen. The farmers contract with Justin Petersen and/or Barry Manthei to inject the manure in their cropland each spring and fall. Approximately 500 acres are used for both applications. The application rate was reported at 4500-4800 gallons/acre. A row of border trees was established on three sides of the swine complex. A CNMP is currently being developed by Mauer-Stutz. The buildings contain a standard emergency alert system in case of a power or water failure.

Animal mortality is disposed of by a local rendering service.

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M-2 Facility - 18500 Illinois Route 40, Sheffield:

This facility is owned by James McCune. It is located in Section 34 of Manlius Township in Bureau County. The facility consists of three 1100-pig confinement buildings containing a shallow 2 ft manure pit. Scrapers transfer the manure to a reception tank which pumps into an adjacent 1.6 MG Slurrystore.

These buildings have natural ventilation with sidewall curtains. An emergency system protects the livestock in case of a power or water failure. Animal mortality is disposed of by a local rendering service.

A row of border trees (pine) has been established along Route 40.

A CNMP is currently being developed. Manure is injected by drag hose in cropland owned by James McCune and nearby neighbors at a reported rate of 8,000-10,000 gallons/acre. The nearest surface water to this facility is a drainage ditch located 1/4 mile east of the swine facility which flows northwest to the Hickory River.

There is another identically designed and operated swine facility located 1/4 mile north of M-2 that is owned by Doug Lenhart. That swine finishing facility is also part of the Green Management of Bureau County Cooperative.

M-4 Exemption 6 and Exemption 7(C) - 24127 150 Street East Avenue, Fairfield:

This facility is also owned by James McCune. It is located in Section 32 of Fairfield Township in Bureau County. The swine facility was constructed in 2009. The facilities consist of three 1200-hog confinement buildings each with 8 ft manure pits. The manure is custom applied two times per year by Innskeep Pumping via dragline injection to approximately 660 acres of nearby cropland owned by James McCune at the 8,000-10,000 gallon/acre rate.

A CNMP is currently being developed by Mauer-Stutz of Peoria, Illinois.

The nearest surface water to this facility is a drainage ditch located approximately 1/4 mile west of the swine facility which flows south to the Bureau County Ditch to the Green River.

An emergency system also is in place to protect the livestock in case of an electrical or water failure. The system is checked monthly by the Cargill representative.

Animal mortality is disposed of by a local rendering service.

Boar Power - 450th Street East Avenue, Sheffield:

This swine facility is also owned by James McCune. It is located in Section 23 of Gold Township in Bureau County. The complex is comprised of a new 2400-hog confinement barn constructed in 2012. It contains a 10 ft manure pit and utilizes a similar emergency alert system in case of an electrical or water failure. The manure produced at this facility is applied two times per year by Innskeep Pump, a contractor, via a dragline injection system to nearby cropland owned by McCune and neighbors. A rate of 8,000-10,000 gallons/acre is applied.

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Two older 1100-hog barns are also in use at this site. They are scheduled to be retired and demolished during 2013. A future 2400-hog confinement building is being planned as a replacement.

Storm water flow drains west 1/2 mile from this facility site, drains underneath the Hennepin Canal to the Bureau County Ditch to the Green River.

Animal mortality is handled by a local rendering service.

A CNMP is currently being developed for this facility site by Mauer-Stutz of Peoria, Illinois.

SUMMARY

A summary of the inspection observations was conveyed to James McCune following a tour of the five separate facility sites.

site posed the only compliance concerns. The permit for the livestock trailer wash was expired. McCune was told to contact his consultant soon to make the necessary EPA permit re-application.

A freeboard marker was not observed at the earthen manure basin adjacent to the truck wash.

The beef cow/calf enterprise has exposed earthen feedlots located on sandy loam-type soils which may present groundwater contamination concerns if not managed properly. McCune was encouraged to have the consultant include the beef cow enterprise into the revised CNMP. The feed storage area may require future considerations for containment measures.

IEPA has not received any odor or water pollution complaints about any of the swine facility sites that were inspected during this visit.

McCune was informed that a letter from our Agency would be sent concerning the lapse of the operating permit for the commercial truck washing operation.

The inspection concluded at 12:30 PM.

Lee Heeren, Ag Specialist

LH/svf

Green Management of Bureau County, LLC - Bureau County May 23, 2013 Page Six

Attachments:

Maps

3560 Form

Livestock Facility Inspection Checklist (5)

Photos

cc: DWPC/FOS and Records Unit

Rockford Region

A EDA	United States Environm	ental Protection Agency		
EPA	Water Compliance	Inspection Report	:	
	Section A: National Data	System Coding (i.e., PCS)		
Transaction Code NF 1 2 5 3 1 L	PDES yr/mo	o/day Inspection Typ	e Inspector Fac Type 19 S 20 2	
21 Inspection Work Days Facility S 67 69	elf-Monitoring Evaluation Rating	BI QA 71 72 73 1	74 75	
		Facility Data	T=	
Name and Location of Facility Inspect also include POTW name and NPDES	ed (For industrial users discharging to	POTW, Entry Time/Date	Permit Effective Date	
James McCune	2006-EB-1586	10:15 AM	10/12/2006	
Exemption 6 and Exemption 7(C)		Exit Time/Date	Permit Expiration Date	
		12:30 PM	9/30/2011	
Name(s) of On-Site Representative(s) James McCune (Owner) Exemption 6 a	mption 6 and Exemption 7(C) and Exemption 7(C)	Other Facility Data		
Name, Address of Responsible Officia James McCune	Cor X	ntacted No		
3.4	ction C: Areas Evaluated During Inspe	Talet 1		
X Permit X Records/Reports X Facility Site Review Effluent/Receiving Waters	Flow Measurement Self-Monitoring Program Compliance Schedules Laboratory	X Operation & Maintenance Sludge Handling/Disposal Pretreatment Pollution Prevention	Storm Water Combined Sewer Overflow Sanitary Sewer Overflow MS4	
Section D: Summary of Findings/Comments (Attach additional sheets of narrative and checklists, including Single Event Violation Codes, as necessary) Permit was allowed to expire. It was not renewed previous to this inspection and was operating without a permit.				
SEV Codes SE	V Description			
Name(s) and Signature(s) of Inspecto	r(s) Agency/Office/Pho	one and Fax Numbers	Date	
Lee Heeren Lee He		OWPC / FOS-Rockford	6-24-13	
Signature of Management QA Review	yer Agency/Office/Pho	one and Fax Numbers DWPC / FOS-Rockford	6-24-13 6-24-13	



GENERAL INFOR	MATION			1711				:		
TYPE OF INSPECTIO ☐ CAFO ☐ COME										
FACILITY NAME (LLC Green Managemer								PECTION DAT 3-13	Έ	ARRIVAL TIME 10:15 AM
ADDRESS 450th Street East Avenue LATITUDE (Decimal) N 41.441							ITUDE (Decim 9.775	nal)	DEPARTURE TIME 12:30 PM	
CITY STATE ZIP CODE Sheffield IL 61361			ZIP CODE 61361		SPECTOR(s) e Heeren	·	ACCOMPANIED BY (if a			(if applicable)
COUNTY Bureau	SECTION 23	TOWNSHIP 17N		POLIT Gold	ICAL TOWNSHIP		TE 50	MPERATURE 's		CIPITATION TYPE ot Rain
Facility Owner(s): Exemption 6 and Exemption 7(C)	NAME James McCı	ıne			CONTAC ⊠ YES		PHO	NE	M() ≡xem	BTI F ption 6 and Exemption 7(C)
	ADDRESS Exempti	on 6 an	d Exe	mp	tion 7(C)			STATE	ZIP	CODE
	NAME				CONTACTI	ED NO	PHO	ONE		MOBILE
	ADDRESS	,			CITY			STATE	ZIP	CODE
Facility Operator(s):	NAME				CONTACT	ED NO		ONE		MOBILE
Exemption 6 and Exemption 7(C)	ADDRESS		•	••••	CITY			STATE	ZIP	CODE
	NAME				CONTAC ☐ YES	TED NO	PHO	ONE		MOBILE
Í	ADDRESS				CITY		•	STATE	ZIP	CODE
NPDES PERMIT	INFORMAT	ION (If no	NPDES	S Per	mit, skip this	sectio	n)			
1. What type of N	NPDES perm NPDES Perm		Parama.	ener:	al NPDES Permit	l				NPDES #
2. What date was					THE DESTRUMENT			M		
3. What date doe										
4. Is a copy of th						······································				YES NO
5. Permitted num6. Does the NPDI				- ala a d	ula?			···		VEC I NO
						ne nerr	——— nit v	vac iccued?		YES NO
	7. Have there been any changes made to the production area since the permit was issued? YES NO If "YES", provide a detailed description of those changes.									
None		•			_					

Facility Name: Green Management of Bureau County, LLC; Boar Power Farm Inspection Date: 5-23-13

LA	ND APPLICATION/NUTRIENT MANAGEMENT				
1.	How many TOTAL acres are available for land application? acres	jestaya Mela	TO SERVER		_
2.	How many acres are READILY available for land application at the time of inspection?			acres	
3.	Estimated annual quantities of liquid waste 2 MG gallons				
4.	Estimated annual quantities of solid waste tons				
5.	Does the facility have a contractor perform land application? If "YES", Name of Contractor:		YES	□ NO	
6.	What type of land application equipment is available to the facility?	.1			_
	☐ Umbilical Injection ☐ Honeywagon Surface ☐ Irrig	ation			
	☐ Rotational Gun ☐ Manure Spreader ☐ Vegetative Filter ☐ Other				
7.	Does the facility calibrate the land application equipment? If "YES", What method is used? Flow meter	× \	YES	□ NO	
8.	Does the facility land apply within the 150 foot setback from any water well? If "YES", Explain		/ES	⊠ NO	
9.	Does the facility land apply within the 200 foot setback from any surface water? If "YES", Explain		/ES	⊠ NO	
10.	Does the facility land apply near any residences? If "YES", Explain		/ES	⊠ NO	
11.	Is livestock waste transferred off-site to another party? If "YES", Are records of manure transfers kept?	_	/ES /ES	□ NO	
	If "YES", Ask to see records		I ES	∐ NO	
12.	Does the facility have a current NMP or CNMP? If "YES", Does the facility maintain a copy of the nutrient management plan (NMP) onsite?	I ====	res res	□ NO □ NO	
13.	Does the NMP reflect the current operational characteristics (number of animals, cropping, etc.)?		YES	□ NO	_
14.	Are the number of acres owned/leased consistent with those in the NMP?		/ES	□ NO	
15.	Is manure and wastewater being applied in accordance with setback/buffer requirements of the NMP?		YES	□ NO	
16.	Are all of the records identified in the NMP being maintained and kept current?	T	YES	□ NO	_
17.	Are records being maintained at the required frequency?		YES	□ NO	_
18.	Are records being maintained onsite for the period required by NMP and/or NPDES permit?	一、	YES	□ NO	
	Is the NMP adequately addressing the storage, handling and application of manure and wastewater to prevent discharges to waters of the U.S.?		YES	□ NO	

Туре	of Animals	Number of Animals (currently)	Animal Capacity	i	Type of Confinement			ber of ctures
SWIN	E > 55 LBS	4600	4600	TOTAL CONFINEMENT BDG		3	-	
					····	ļ		
	The state of the s							
							-	
						ļ	•	
Does tl	ne facility have an Illinois Ce	rtified Livestock Ma	nager (300	or greater animal units)?	/A 🔲	YES [⊠ NO	
					/A 🔲	YES	NO	
	management plan?			,				
If grea	ter than 5000 animal units,	has the facility su	ubmitted a v	waste management plan to 🔲 N	[/A □	YES	NO	
IDŌA f	for review?	·		- ,				
Does t	he facility have any other lo	ocations under con	nmon owne	rship, or where equipment and/or	r 🔲	YES	NO	
		ther site shares la	nd applicati	on sites? If so, put names and				
	ses below.							
None								
					1			
LIVE	STOCK WASTE STORAGE						HAR.	
1.	Doos the facility have any	ovictina livoctock	wasta conta	ninmont system? VES	NO	<u> </u>	utsii es	
l.	Does the facility have any	-	waste conta	inment system? 🛚 YES 🔝	NO			
	If NO, then proceed to que	estion 10.						
2.	General description of the	waste containmen	t system (ir	nclude solid and liquid manure har	ndling, ı	nortal	ity, and	
	feed storage areas).		, ,	•	5,			
	1 - 2400 head hog barn	has a 10 ft man	ure pit.					
				se barns are scheduled to be d	emolis	hed i	n	
	2013.)	. c c i c i i a i a i a i a i	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Cinons	iica i	•	

Facility Name: Green Management of Bureau County, LLC; Boar Power Farm Inspection Date: 5-23-13 Type of Storage Total Storage Capacity (Specify Units) Anaerobic Lagoon Covered Lagoon Holding Pond Above Ground Storage Tank ("Slurrystore") Below Ground Storage Tank Settling Basin Roofed Storage Shed Concrete Pad Impervious Soil Pad □ Underfloor Pits Anaerobic Digester Manure Stacks Vegetative Filter Other None Do the storage structures have depth markers or staff gauges?

YES \boxtimes NO 4. Are levels of manure in the storage structures recorded and records kept? XES NO 5. Do the storage structures have adequate freeboard? X YES ON 6. Estimated final stage storage structure freeboard ______ in. of total depth _____ 7. Do facility personnel perform routine visual inspections of the storage structures? X YES 8. Are the routine visual inspections documented? X YES Does the system have an outfall or discharge point?

YES \bowtie NO If "YES", please provide a description (overflow pipe, spill way, etc. Include a description the area receiving the discharge). None 10. Are there any portions of the production area where runoff is not controlled? \(\bigcap\) YES \bowtie NO If "YES", provide a detailed description of the area(s) of concern: None **MORTALITIES MANAGEMENT**

How are mortalities managed? (Composted, buried, burned, rendering service, other) Rendering service 2. Are mortalities documented and are records kept? XES

пъресцоп раце: **5-23-13**

FAC	ILITY WATER SOURCES
1.	What type of method is used to provide drinking water for the animals?
	☐ Overflow waters ☐ Tip Tanks ☒ Nipple waters ☒ Water Bowls ☐ Other
2.	How is the water for animals obtained? ☐ Community PWS ☑ On-Site Well ☐ On-Site Impoundment ☐ Other
3.	Is a mist cooling system used? ⊠ YES □ NO How is mist water contained? Falls into manure pit
DAI	RY OPERATION (If No Dairy, skip this section)
1.	How many times per day are cows milked?
2.	Describe how the dairy's non-contact cooling water is contained (Example: it is reused for drinking water for the animals). None
3.	Describe how the milking parlor is cleaned (hose or flush) and where the process wastewater goes and how it is contained. None
4.	Describe how the tank(s) are washed and where the process wastewater goes and how it is contained. None
5.	Describe where process wastewater from the plate cooler goes and how it is contained. None
BED	DDING (If No Bedding, skip this section)
———	Describe what type of bedding is used for the animals. None
2.	Describe how bedding is collected and how often. None
3.	What is done with the used bedding? Reused Land Applied

Facility Name: Green Management of Bureau County, LLC; Boar Power Farm Inspection Date: 5-23-13

MA	NURE COLLECTION
1.	How is manure collected?
	□ Under Floor Pit
	Scraped: Automatic Manual
	☐ Flush
	Solids Separator
	Other: None
2.	If manure collection system uses either clean or reused water to flush, describe where this water goes and
	how it is contained.
	None
FEE	D STORAGE CONTAINMENT
1.	Describe how feed (silage, hay, etc) is contained.
	Bulk Bins
	☐ Silage Pit ☐ Ag Bags
	☐ Hay: ☐ Barn ☐ Outdoor
	☐ Other:
2.	Describe how feed (silage, hay, etc) runoff is contained.
	Not Applicable – Feed totally enclosed
	☐ Other: None
RE	CEIVING SURFACE WATERS
1.	Provide a description of the flow path from the facility to the nearest named surface water.
	It would drain approximately west 1/2 mile, go underneath the Hennepin Canal and then flow approximately 1-1/2 miles to the Bureau County Ditch which empties into the Green River.
	What is the many of the vessi in a transport
۷.	What is the name of the receiving stream?
	Green River
3.	Status of the named surface water: Intermittent Perennial
4.	Are any unnatural bottom deposits observed in the receiving stream: YES NO
	If "YES", provide a description of the deposits: None
	•

racility (value: Green management of bureau County, LLC; boar rower raim

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D	ISCHARGES		
1.	Have there been any documented discharges of livestock waste to surface water <i>in the past year</i> ? If "NO" proceed to question 2.	YES	⊠ NO
	a. If "YES", specify the date(s)		
	b. What was the reason for the discharge?		
	c. Was the discharge the result of a 25 year-24 hour rainfall event?	YES	□ NO
	d. What was the precipitation amount? (if applicable)		
	e. Was IEMA notified of the discharge?	YES	□ NO
	f. Has the facility taken corrective action to remedy the situation which caused the discharge(s)?	YES	□ NO,
No	If "YES", describe actions taken: one		
2.	Is the facility currently discharging livestock waste from the production area? If "NO" proceed to next section.	YES	⊠ NO
	a. Was the discharge the result of a 25 year-24 hour rainfall event?	YES	□ NO
	b. What was the precipitation amount? (if applicable)		
	c. What is the reason for the discharge?		
	d. Were water quality samples taken?	YES	NO NO
	e. If "YES", how many?		
	f. What parameter(s) tested? pH Ammonia Nitrate Nitrite Total Susp Solids Fecal Diss O ₂ Other	Phosphorus	☐ BOD ₅
BI	OSECURITY – Inspection Activities		
1.	Were biosecurity measures discussed with the facility prior to inspection?	☐ YES	⊠ NO
2.	Has there been 24-hours downtime between inspections for all IEPA personnel present?		□ NO
3.	Was the order of inspection conducted from high risk to low risk?	'A YES	□ NO
4.	Did all personnel stay outside livestock management and livestock waste handling facilities as defined in 35 IAC 501.285 and 35 IAC 501.300? If "YES" skip to question 7.	es 🛛 YES	□ NO
В	OSECURITY – Personal Protection Equipment		
5.	Was sanitary footwear donned prior to entering the livestock management/waste handling facility(s)?	r YES	□ NO
6.	Were disposable coveralls donned prior to entering the livestock management/waste handling facility(s)? N/A Did not Ente	☐ YES	□ NO
7.	Was sanitary footwear used during the inspection?		□ NO
8.	Was disposable sanitary outerwear disposed at the facility?	☐ YES	NO NO

BIOSECURITY - Vehicle 9. Was the vehicle parking location discussed with the facility prior to inspection? YES NO \bowtie 10. Was the vehicle washed since the inspection prior to current? If "YES" skip guestion 11. YES NO 11. Was the vehicle parked >300-feet from the livestock management/waste ⊠ N/A YES NO handling facility? Explain where vehicle was parked: 12. Was IEPA vehicle used on site? YES \bowtie NO 13. Was facility vehicle used on site? X YES NO **BIOSECURITY – Inspection Equipment** 14. Was all equipment wiped down with anti-bacterial wipes? YES NO 15. Was sample cooler kept inside vehicle during inspection? If "YES" skip question 16. YES NO 16. Was sample cooler wiped down with antibacterial wipes before placing back into N/A YES NO vehicle? **OTHER COMMENTS/NOTES** See accompanying inspection report and photos. Check all attachments:

Narrative X **Photos** Site Plan Sample Results INSPECTOR'S SIGNATURE REPORT DATE 5-23-13

Facility Name: Green Management of Bureau County, LLC; Boar Power Farm

Cc: BOW/DWPC/RU

Attachments:______ Revised March 2012

Inspection Date: 5-23-13

GENERAL INFOR	MATION		+				等数 。		- 1	
	PLAINT 🔯	RECONNAISS				DPEF	RAT	OR REQUEST		OTHER
FACILITY NAME (LLC Green Managemer								PECTION DAT 3-13	Έ	ARRIVAL TIME 10:15 AM
ADDRESS						nal)	DEPARTURE TIME 12:30 PM			
CITY Sheffield		STATE IL	ZIP COD 61361		NSPECTOR(s) Lee Heeren			ACCOMPANIE	ED BY	(if applicable)
COUNTY Bureau	SECTION 34	TOWNSHIP 17N	RANGE 7E		ITICAL TOWNSHIP nlius		TE	MPERATURE 's	3	CIPITATION TYPE nt Rain
, , ,	NAME James McC	une			CONTACTED		PHC	NE	MC Exer	BTI F nption 6 and Exemption 7(C)
	ADDRESS Exemption	on 6 and	Exen	npti	спү on 7(С)			STATE	ZIP	CODE
	NAME				CONTACTED YES 1		PHC	DNE		MOBILE
	ADDRESS				CITY			STATE	ZIP	CODE
Operator(s):	NAME				CONTACTED YES	NO	PHO	DNE	<u> </u>	MOBILE
Exemption 6 and Exemption 7(C)	ADDRESS				CITY			STATE	ZIP	CODE
	NAME		·	•	CONTACTE		PHO	ONE		MOBILE .
	ADDRESS				CITY	·	•	STATE	ZIP	CODE
				April 1911	ermit, skip this sec	tio	n)			
1. What type of N Individual	NPDES perm NPDES Per	it has been mit	issued?	Gen	eral NPDES Permit					NPDES #
2. What date was	the NPDES	permit issu	ıed?		And the second s			***************************************		
3. What date doe 4. Is a copy of th									1	YES NO
5. Permitted num										ILS [L] NO
6. Does the NPDI		·	· · · · · · · · · · · · · · · · · · ·	sch	edule?					YES NO
	7. Have there been any changes made to the production area since the permit was issued? YES NO									
If "YES", provi	de a detaile	d descriptio	n of tho	se c	hanges.					

Facility Name: Green Management of Bureau County, LLC; M-2 Farm Inspection Date: 5-23-13

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LAND APPLICATION/NUTRIENT MANAGEMENT		
How many TOTAL acres are available for land application? 800 acres		
2. How many acres are READILY available for land application at the time of inspection?		acres
3. Estimated annual quantities of liquid waste gallons		
4. Estimated annual quantities of solid waste tons		
5. Does the facility have a contractor perform land application? If "YES", Name of Contractor: Manthei	⊠ YES	□ NO
6. What type of land application equipment is available to the facility?	<u> </u>	
☐ Umbilical Injection ☒ Honeywagon Injection ☐ Honeywagon Surface ☐ Irrig	ation	
☐ Rotational Gun ☐ Manure Spreader ☐ Vegetative Filter ☐ Other		
7. Does the facility calibrate the land application equipment? If "YES", What method is used? Flow meter	⊠ YES	□ NO
8. Does the facility land apply within the 150 foot setback from any water well? If "YES", Explain	YES	⊠ NO
9. Does the facility land apply within the 200 foot setback from any surface water? If "YES", Explain	YES	⊠ NO
10.Does the facility land apply near any residences? If "YES", Explain	YES	⊠ NO
11. Is livestock waste transferred off-site to another party?	YES	□ NO
If "YES", Are records of manure transfers kept? If "YES", Ask to see records	YES	□ NO
12. Does the facility have a current NMP or CNMP?	YES	□ NO
If "YES", Does the facility maintain a copy of the nutrient management plan (NMP) onsite?	☐ YES	□ NO
13. Does the NMP reflect the current operational characteristics (number of animals, cropping, etc.)?	☐ YES	□ NO
14. Are the number of acres owned/leased consistent with those in the NMP?	YES	□ NO
15. Is manure and wastewater being applied in accordance with setback/buffer requirements of the NMP?	☐ YES	□ NO
16.Are all of the records identified in the NMP being maintained and kept current?	☐ YES	□ NO
17.Are records being maintained at the required frequency?	☐ YES	□ NO
18. Are records being maintained onsite for the period required by NMP and/or NPDES permit?	YES	□ NO
19. Is the NMP adequately addressing the storage, handling and application of manure and wastewater to prevent discharges to waters of the U.S.?	YES	□ NO

SWITH	of Animals	Number of Animals (currently)	Animal Capacity	Type of Confinement		ber of tures
~ 44 TIA	IE > 55 LBS	3300	3300	TOTAL CONFINEMENT BDG	3	
,						
	,					7444
				110000000000000000000000000000000000000		
	AND THE PROPERTY OF THE PROPER					
•						
					-	
Does t	the facility have an Illinois Ce	rtified Livestock Ma	nager (300	or greater animal units)?	YES	NO
	ater than 1000 animal units				YES	NO
waste	management plan?			, -		
	ater than 5000 animal units,	has the facility su	ıbmitted a v	waste management plan to 🔲 N/A 🗀] YES [_ NO
	for review?					
					YES [ОИ
	re is shared, or where the o sses below.	ther site shares lar	nd applicati	on sites? If so, put names and		
	55e5 below. 5 Ill. Rt. 40, Walnut, Illi n	nois				
	1945 N Avenue, Sheffiel					
	150 E Avenue, Fairfield,					
Boar	Power, 450 East Avenue	, Sheffield, Illind	ois			
LTVF	STOCK WASTE STORAGE		4 10 6 7 16 16 16 16 16 16 16 16 16 16 16 16 16		4.6 1.611.3:41	
1 8085 000	egin i mala entregi ha Pagi gitzagea en iliza e el alte en eleme					
1.	Does the facility have any		waste conta	inment system? 🛛 YES 🔲 NO		
	If NO, then proceed to que	estion 10.				
2.	General description of the	waste containment	t system (ir	nclude solid and liquid manure handling	mortali	ity and
	feed storage areas).	Trable Correction (Cris	c by become (iii	reface some and require marrare marranting	, mortan	icy, and
·				anura nita that baya an automatic	scraner	
 •		pia barns nave s	shallow ma	anure dits that have an automanc		
1				anure pits that have an automatic pit and then into a 1.6 MG Slurryste		ch of
1	system that transfers th	ne manure to a r	eception p	pit and then into a 1.6 MG Slurrystomal feed. Animal mortality is disp	ore. Eac	ch of
5m (system that transfers th	ne manure to a re bulk bins to sto	eception p	oit and then into a 1.6 MG Slurryst	ore. Eac	ch of
im t	system that transfers the barns have multiple	ne manure to a re bulk bins to sto	eception p	oit and then into a 1.6 MG Slurryst	ore. Eac	ch of
i 1	system that transfers the barns have multiple	ne manure to a re bulk bins to sto	eception p	oit and then into a 1.6 MG Slurryst	ore. Eac	ch of
 1	system that transfers the barns have multiple	ne manure to a re bulk bins to sto	eception p	oit and then into a 1.6 MG Slurryst	ore. Eac	ch of

Facility Name: Green Management of Bureau County, LLC; M-2 Farm Inspection Date: 5-23-13 Page 4/8

Ту	pe of Storage	Total Storage Capacity (Specify Units)
	Anaerobic Lagoon	
	Covered Lagoon	
	Holding Pond	
	Above Ground Storage Tank ("Slurrystore")	
	Below Ground Storage Tank	
	Settling Basin	
	Roofed Storage Shed	
	Concrete Pad	
	Impervious Soil Pad	
	Underfloor Pits	
Ш	Anaerobic Digester	
	Manure Stacks	
	Vegetative Filter	
Щ	Other	
	None	
3.	Do the storage structures have depth markers	s or staff gauges? YES NO
4.	Are levels of manure in the storage structures	recorded and records kept? XES NO
5.	Do the storage structures have adequate free	board? 🛛 YES 🗌 NO
6.	Estimated final stage storage structure freebo	
7.	Do facility personnel perform routine visual in	
8.	Are the routine visual inspections documented	i? ⊠ YES □ NO
9.	Does the system have an outfall or discharge	point? YES NO
	If "YES", please provide a description (overflo discharge). None	w pipe, spill way, etc. Include a description the area receiving the
10.	Are there any portions of the production area	where runoff is not controlled? YES NO
	If "YES", provide a detailed description of the None	area(s) of concern:
мо	RTALITIES MANAGEMENT	
1.	How are mortalities managed? (Composted, I Rendering service	buried, burned, rendering service, other)
2.	Are mortalities documented and are records k	ept? 🛛 YES 🗌 NO

Facility Name: Green Management of Bureau County, LLC; M-2 Farm Inspection Date: 5-23-13

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FAC	ILITY WATER SOURCES
1.	What type of method is used to provide drinking water for the animals?
	☐ Overflow waters ☐ Tip Tanks ☒ Nipple waters ☒ Water Bowls ☐ Other
2.	How is the water for animals obtained?
	☐ Community PWS ☑ On-Site Well ☐ On-Site Impoundment ☐ Other
3.	Is a mist cooling system used? ⊠ YES □ NO
	How is mist water contained? Falls into manure pit
DAI	RY OPERATION (If No Dairy, skip this section)
1.	How many times per day are cows milked?
2.	Describe how the dairy's non-contact cooling water is contained (Example: it is reused for drinking water for the animals).
	None
3.	Describe how the milking parlor is cleaned (hose or flush) and where the process wastewater goes and how it is contained.
	None
4.	Describe how the tank(s) are washed and where the process wastewater goes and how it is contained.
	None
5.	Describe where process wastewater from the plate cooler goes and how it is contained.
	None
DEF	NOTING (If No Podding claim this costion)
	DDING (If No Bedding, skip this section)
1.	Describe what type of bedding is used for the animals. None
2.	Describe how bedding is collected and how often. None
3.	What is done with the used bedding? Reused Land Applied

Faci	lity Name: Green Management of Bureau County, LLC; M-2 Farm Inspection Date: 5-23-13 Page 6/8
MA	NURE COLLECTION
1.	How is manure collected? Under Floor Pit Scraped: Automatic Manual Flush Solids Separator Other: None
2.	If manure collection system uses either clean or reused water to flush, describe where this water goes and how it is contained. None
FEE	D STORAGE CONTAINMENT
1.	Describe how feed (silage, hay, etc) is contained. Bulk Bins Silage Pit Ag Bags Hay: Barn Outdoor Other:
2.	Describe how feed (silage, hay, etc) runoff is contained. Not Applicable – Feed totally enclosed Other: None
RE	CEIVING SURFACE WATERS
1.	Provide a description of the flow path from the facility to the nearest named surface water. Flow would travel approximately 1/4 mile east to a drainage ditch and then flow northwest into Hickory Creek.
2.	What is the name of the receiving stream? Hickory Creek
3.	Status of the named surface water: Intermittent Perennial
4.	Are any unnatural bottom deposits observed in the receiving stream: YES NO

If "YES", provide a description of the deposits: None

DI	SCHARGES				
	Have there been any documented discharges of livestock waste to surface water <i>in the</i> past year? If "NO" proceed to question 2.		YES		NO
	a. If "YES", specify the date(s)		·		
]	b. What was the reason for the discharge?				
(c. Was the discharge the result of a 25 year-24 hour rainfall event?		YES		NO
(d. What was the precipitation amount? (if applicable)				
(e. Was IEMA notified of the discharge?		YES		NO
f	f. Has the facility taken corrective action to remedy the situation which caused the discharge(s)?		YES		NO
ioN	If "YES", describe actions taken:			· I	- (* ·
	Is the facility currently discharging livestock waste from the production area? If "NO" proceed to next section.		YES		NO
	a. Was the discharge the result of a 25 year-24 hour rainfall event?		YES		NO
ŀ	b. What was the precipitation amount? (if applicable)			•	
	c. What is the reason for the discharge?	1		<u> </u>	
	d. Were water quality samples taken?		YES		NO
	e. If "YES", how many? f. What parameter(s) tested?				BOD ₅
	☐ Total Susp Solids ☐ Fecal ☐ Diss O₂ ☐ Other	hosph 	iorus	لسسا	DUD5
BIC	SECURITY - Inspection Activities				
1. \	Were biosecurity measures discussed with the facility prior to inspection?		YES		NO
2.	Has there been 24-hours downtime between inspections for all IEPA personnel present?	\boxtimes	YES		NO
3. 1	Was the order of inspection conducted from high risk to low risk?		YES		NO
	Did all personnel stay outside livestock management and livestock waste handling facilities as defined in 35 IAC 501.285 and 35 IAC 501.300? If "YES" skip to question 7.		YES		NO
BIC	OSECURITY — Personal Protection Equipment				
1	Was sanitary footwear donned prior to entering the livestock management/waste handling facility(s)? N/A Did not Enter		YES		NO
	Were disposable coveralls donned prior to entering the livestock management/waste handling facility(s)? N/A Did not Enter		YES		NO
7.	Was sanitary footwear used during the inspection?		YES		NO
8.	Was disposable sanitary outerwear disposed at the facility?	7	YES		NO

BIOSECURITY - Vehicle 9. Was the vehicle parking location discussed with the facility prior to inspection? YES \boxtimes NO 10. Was the vehicle washed since the inspection prior to current? If "YES" skip question 11. YES NO 11. Was the vehicle parked >300-feet from the livestock management/waste N/A YES NO handling facility? Explain where vehicle was parked: 12. Was IEPA vehicle used on site? YES \bowtie NO 13. Was facility vehicle used on site? YES NO **BIOSECURITY – Inspection Equipment** 14. Was all equipment wiped down with anti-bacterial wipes? YES NO 15. Was sample cooler kept inside vehicle during inspection? If "YES" skip question 16. YES NO 16. Was sample cooler wiped down with antibacterial wipes before placing back into N/A ☐ YES NO vehicle? **OTHER COMMENTS/NOTES** See accompanying inspection report and photos Check all attachments:

Narrative **Photos** Site Plan Sample Results **INSPECTOR'S SIGNATURE** REPORT DATE 5-23-13 Cc: BOW/DWPC/RU Attachments:

Facility Name: Green Management of Bureau County, LLC; M-2 Farm Inspection Date: 5-23-13

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Revised March 2012

GENERAL INFORI	MOITAM			3 1 1 A	nada ba		1.3					
TYPE OF INSPECTION ☑ CAFO ☐ COMP	LAINT 🛛 F	RECONNAISS	_		J FOLLOW	UP 🗌 OP	ERAT	OR REQUEST		OTHER		
FACILITY NAME (LLC Green Managemen	, Inc., Corp, l t of Bureau	Partnership, County, LL	sole prop .C;	rietors 6 and Exe	ship, etc.)			PECTION DAT 23-13	E	ARRIVAI 10:15 A		
ADDRESS 2577 1945 N Aven i	ue	S 40 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			TITUDE (De 41.438			SITUDE (Decin 9.808	nal)	DEPART 12:30	URE TIME PM	
CITY Sheffield		STATE IL	ZIP COD 61361		SPECTOR(s) e Heeren)		ACCOMPANIE	NIED BY (if applicable)			
COUNTY Bureau	SECTION 20,21,28	TOWNSHIP 17N	RANGE 6E	POLIT Gold	TCAL TOW	VSHIP		MPERATURE)'s	i	CIPITATI nt Rain	ON TYPE	
, , , , , , , , , , , , , , , , , , , ,	NAME James McCu	ıne				NTACTED YES \[\] NO		ONE	MOBILE Exemption 6 and Exemption 7(C)			
	ADDRESS	ion 6 o	nd Ev	(O.100	CTTY	7(0)		STATE	ZIP CODE			
	Exempt NAME	юп о а	nu E	Kem	CON	TACTED YES NO	1	ONE .		MOBILE	_	
7	ADDRESS				CITY		I	STATE	ZIP	CODE		
Operator(s):	VAME			MTA		ITACTED YES N		ONE		MOBILE		
Exemption 6 and Exemption 7(C)	ADDRESS				CITY		1	STATE	ZIP	CODE		
Ī	VAME			н		ONTACTED YES \[\] No	- 1	ONE		MOBILE		
7	ADDRESS			CITY				STATE	ZIP	CODE		
NPDES PERMIT	INFORMAT	ION (If n	o NPDE	S Per	mit, skip	this secti	on)					
1. What type of N Individual				Gener	al NPDES I	Permit				NPDE	S #	
2. What date was		•										
3. What date does									<u> </u>	VEC II	- NO	
4. Is a copy of the 5. Permitted num										YES [NO	
6. Does the NPDE				sched	lule?			——————————————————————————————————————		YES	NO	
7. Have there bee				~~		nce the pe	rmit	was issued?		YES	NO	
If "YES", provid None	de a detailed	d descriptio	n of thos	se cha	anges.							

Facility Name: Green Management of Bureau County, LLC;



Inspection Date: 5-23-13

T	NO ADDITOR TON AUTOTENTANTAN OF LIFE	no nemocra de Podeliga de Ca	
10.40	ND APPLICATION/NUTRIENT MANAGEMENT		
	How many TOTAL acres are available for land application? acres		
	How many acres are READILY available for land application at the time of inspection?		_ acres
	Estimated annual quantities of liquid waste6 MG gallons		
	Estimated annual quantities of solid waste tons		
5.	Does the facility have a contractor perform land application? If "YES", Name of Contractor: Inskeep, Peterson, Manthei	⊠ YES	□ NO
6.	What type of land application equipment is available to the facility?		
	☐ Umbilical Injection ☐ Honeywagon Surface ☐ Irriga	ation	
	☐ Rotational Gun ☐ Manure Spreader ☐ Vegetative Filter ☐ Other	·····	
7.	Does the facility calibrate the land application equipment? If "YES", What method is used? Flow meter	⊠ YES	□ NO
8.	Does the facility land apply within the 150 foot setback from any water well? If "YES", Explain	YES	⊠ NO
9.	Does the facility land apply within the 200 foot setback from any surface water? If "YES", Explain	☐ YES	⊠ NO
10	.Does the facility land apply near any residences? If "YES", Explain	☐ YES	⊠ NO
11	.Is livestock waste transferred off-site to another party?		□ NO
	If "YES", Are records of manure transfers kept? If "YES", Ask to see records	YES	⊠ NO
12	Does the facility have a current NMP or CNMP? If "YES", Does the facility maintain a copy of the nutrient management plan (NMP) onsite?	YES YES YES YES YES YES N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N	□ NO ⊠ NO
13	.Does the NMP reflect the current operational characteristics (number of animals, cropping, etc.)?	☐ YES	□ NO
14	.Are the number of acres owned/leased consistent with those in the NMP?	☐ YES	□ NO
15	.Is manure and wastewater being applied in accordance with setback/buffer requirements of the NMP?	YES	□ NO
16	.Are all of the records identified in the NMP being maintained and kept current?	YES	□ NO
17	.Are records being maintained at the required frequency?	YES	□ NO
18	.Are records being maintained onsite for the period required by NMP and/or NPDES permit?	YES	□ NO
19	.Is the NMP adequately addressing the storage, handling and application of manure and wastewater to prevent discharges to waters of the U.S.?	☐ YES	□ NO

Туре	e of Animals	Animals (currently) Animal Type of Confinement			
SWI	NE > 55 LBS	13,800	13,800	TOTAL CONFINEMENT BDG	8
BEEF	CATTLE	1100		OPEN EARTHEN FEEDLOT	0
					
If great waster If great IDOA Does manuaddre Ande M-2 M-4 Boar	ure is shared, or where the othesses below. erson South - 22795 Ill. Rt - Rt. 40, Sheffield, Illinois	has the facility succeived and succeived the facility succeived and succeived the facility	D animal un ubmitted a v nmon owne nd applicati Illinois nois	vaste management plan to N/A	YES NO YES NO YES NO YES NO
1.	Does the facility have any e If NO, then proceed to ques		waste conta	inment system? X YES NO	
2.	feed storage areas). M-5 and M-6: 2 - 3600 f M-1 and M-3: 3 - 1100 h Slurrystore.	inishers, total s lead finisher ba ngs have accon	slats, full 8 nrns, 2 ft p npanying l	artial pit with scrapers into a 1.6 M oulk feed lines for feed storage. An	G

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Facility Name: Green Management of Bureau County, LLC;

	Exemption 6 and Exemption 7(C)	
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Inspection Date: 5-23-13

T	ype of Storage	Total Storage Capacity (Specify Units)								
	Anaerobic Lagoon									
	Covered Lagoon									
	Holding Pond									
\boxtimes	Above Ground Storage Tank ("Slurrystore")									
	Below Ground Storage Tank									
	Settling Basin									
	Roofed Storage Shed									
	Concrete Pad									
] Impervious Soil Pad									
X	Underfloor Pits									
	Anaerobic Digester									
	Manure Stacks									
	Vegetative Filter									
	Other									
	None									
3.	Do the storage structures have depth markers or staff gauges? YES NO									
4. Are levels of manure in the storage structures recorded and records kept? 🛛 YES 🔲 NO										
5.	Do the storage structures have adequate freeboard? YES NO									
6.		pard in. of total depth in.								
7.	Do facility personnel perform routine visual in									
8.	Are the routine visual inspections documented	d? ⊠ YES □ NO								
9.	Does the system have an outfall or discharge	point? YES NO								
	If "YES", please provide a description (overflo discharge). None	w pipe, spill way, etc. Include a description the area receiving the								
10.	Are there any portions of the production area	where runoff is not controlled? YES NO								
	If "YES", provide a detailed description of the None	area(s) of concern:								
MC	ORTALITIES MANAGEMENT									
1.	How are mortalities managed? (Composted, Rendering service	buried, burned, rendering service, other)								
2.	Are mortalities documented and are records k	kept? ⊠ YES □ NO								

FAC	CILITY WATER SOURCES
1.	What type of method is used to provide drinking water for the animals?
77 774444	☐ Overflow waters ☐ Tip Tanks ☒ Nipple waters ☒ Water Bowls ☐ Other
2.	How is the water for animals obtained? ☐ Community PWS ☑ On-Site Well ☐ On-Site Impoundment ☐ Other
3.	Is a mist cooling system used? ☑ YES ☐ NO How is mist water contained? Falls into manure pit
DA:	IRY OPERATION (If No Dairy, skip this section)
1.	How many times per day are cows milked?
2.	Describe how the dairy's non-contact cooling water is contained (Example: it is reused for drinking water for the animals). None
3.	Describe how the milking parlor is cleaned (hose or flush) and where the process wastewater goes and how it is contained. None
4.	Describe how the tank(s) are washed and where the process wastewater goes and how it is contained. None
5.	Describe where process wastewater from the plate cooler goes and how it is contained. None
BEI	DDING (If No Bedding, skip this section)
4	Describe what type of bedding is used for the animals. None
2.	Describe how bedding is collected and how often. None
3.	What is done with the used bedding? Reused Land Applied

בויטףטטטטוו טשטיי שייטיים

=aci	ity Name: Green Management of Bureau County, LLC; Inspection Date: 5-23-13
MA	NURE COLLECTION
1.	How is manure collected?
	 ✓ Under Floor Pit ✓ Scraped: ✓ Automatic
	☐ Solids Separator ☐ Other:
	∐ None
2.	If manure collection system uses either clean or reused water to flush, describe where this water goes and how it is contained. None
FEE	D STORAGE CONTAINMENT
1.	Describe how feed (silage, hay, etc) is contained. ☐ Bulk Bins ☐ Silage Pit ☐ Ag Bags ☐ Hay: ☐ Barn ☐ Outdoor ☐ Other: wet distillers in silage bunker
2.	
<u>.</u>	Describe how feed (silage, hay, etc) runoff is contained. Not Applicable – Feed totally enclosed Other: None
RE	CEIVING SURFACE WATERS
1.	Provide a description of the flow path from the facility to the nearest named surface water.
	Northeast 1/2 mile to Bureau County Ditch, under the Hennepin Canal and 3 miles north to Green River.
2.	What is the name of the receiving stream? Green River
 3.	Status of the named surface water: Intermittent Perennial

⊠ NO

4. Are any unnatural bottom deposits observed in the receiving stream:

YES

If "YES", provide a description of the deposits: None

DI	SCHARGES					
	Have there been any documented discharges of livestock waste to surface waste year? If "NO" proceed to question 2.	ater <i>in the</i>		YES		NO
	a. If "YES", specify the date(s).					
	b. What was the reason for the discharge?			,		*
	c. Was the discharge the result of a 25 year-24 hour rainfall event?			YES	a transport	NO
	d. What was the precipitation amount? (if applicable)					
	e. Was IEMA notified of the discharge?			YES		NO
	 Has the facility taken corrective action to remedy the situation which cau discharge(s)? 	sed the		YES		NO
No	If "YES", describe actions taken: 1e		•			
	Is the facility currently discharging livestock waste from the production area? proceed to next section.	o If "NO"		YES		NO
,	a. Was the discharge the result of a 25 year-24 hour rainfall event?			YES		NO
	o. What was the precipitation amount? (if applicable)		ı			
	c. What is the reason for the discharge?					
	d. Were water quality samples taken?			YES		NO
	e. If "YES", how many?					
	f. What parameter(s) tested? ☐ pH ☐ Ammonia ☐ Nitrate ☐ I ☐ Total Susp Solids ☐ Fecal ☐ Diss O₂ ☐ Other	Nitrite	ospl	norus		BOD₅
BIC	SECURITY - Inspection Activities					MAR.
1.	Were biosecurity measures discussed with the facility prior to inspection?			YES		NO
2.	Has there been 24-hours downtime between inspections for all IEPA personr	nel present?		YES		NO
ļ	Was the order of inspection conducted from high risk to low risk?	 ⊠ N/A		YES		NO
L	Did all personnel stay outside livestock management and livestock waste har			YES		NO
	as defined in 35 IAC 501.285 and 35 IAC 501.300? If "YES" skip to question			123		NO
BI	SECURITY – Personal Protection Equipment					
	Was sanitary footwear donned prior to entering the livestock management/waste handling facility(s)?	N/A Did not Enter		YES		NO
	Were disposable coveralls donned prior to entering the livestock management/waste handling facility(s)?	N/A Did not Enter		YES		NO
7.	Was sanitary footwear used during the inspection?		X	YES		NO
8.	Was disposable sanitary outerwear disposed at the facility?			YES		NO

Facility Name: Green Management of Bureau County, LLC; Inspection Date: 5-23-13

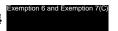
BIOSECURITY – Vehicle								
9. Was the vehicle parking location discussed with the facility prior to inspection?		YES	⊠ NO					
10. Was the vehicle washed since the inspection prior to current? If "YES" skip question 11.		YES	⊠ NO					
11. Was the vehicle parked >300-feet from the livestock management/waste handling facility? Explain where vehicle was parked:		YES	⊠ NO					
12.Was IEPA vehicle used on site?		YES	⊠ NO					
13. Was facility vehicle used on site?		YES	□ NO					
BIOSECURITY - Inspection Equipment								
14. Was all equipment wiped down with anti-bacterial wipes?		YES	⊠ NO					
15. Was sample cooler kept inside vehicle during inspection? If "YES" skip question 16.	\boxtimes	YES	□ NO					
16. Was sample cooler wiped down with antibacterial wipes before placing back into vehicle?		YES	□ NO					
OTHER COMMENTS/NOTES								
See inspection report and photos								
Check all attachments: ⊠ Narrative ⊠ Photos □ Site Plan □ Sample Results								
INSPECTOR'S SIGNATURE REPORT DATE								
Jer Deere 5-23-13								

Cc: BOW/DWPC/RU

Attachments:______ Revised March 2012

GENERAL INFORMATION												
TYPE OF INSPECTION: ☑ CAFO ☐ COMPLAINT ☑ RECONNAISSANCE ☐ ERU FOLLOW UP ☐ OPERATOR REQUEST ☐ OTHER												
FACILITY NAME (LLC Green Managemen					Ship, etc.) 6 and Exemption 7(C)			PECTION DAT 3-13	DATE ARRIVAL TIME 10:15 AM			
ADDRESS 24127 Street, 150	East Avenu	e			ATITUDE (Decimal) 41.499			ITUDE (Decin 9.831	nal)	DEPART 12:30	JRE TIME PM	
CITY Fairfield		STATE IL	ZIP COD 62837		NSPECTOR(s) ee Heeren	•		ACCOMPANIE	ED BY (if applicable)			
COUNTY Bureau	SECTION 32	TOWNSHIP 18N	RANGE 6E		TICAL TOWNSHIP field		TE 50	MPERATURE 's	1	ECIPITATION TYPE Jht Rain		
Facility Owner(s): Exemption 6 and Exemption 7(C)	NAME James McC	une			CONTAC ⊠ YES [TED NO	PHO	DNE	MC Exer	MOBILE Exemption 6 and Exemption 7(C)		
	ADDRESS			•	СПА			STATE	7TP	ZIP CODE		
	Exempt	tion 6 a	nd Ex	ken	nption 7(C)							
	NAME				CONTACTE ☐ YES [PHO	ONE	1	MOBILE		
	ADDRESS				CITY			STATE	ZIP	CODE		
Facility Operator(s):	NAME				CONTACTE ☐ YES [D NO		ONE		MOBILE		
Exemption 6 and Exemption 7(C)	ADDRESS	DRESS			CITY			STATE	ZIP			
	NAME				CONTACTED ☐ YES ☐ NO			PHONE		MOBILE		
	ADDRESS				CITY		7	STATE	ZIP	CODE		
NPDES PERMIT	INFORMAT	TON (If n	o NPDE	S Pe	rmit, skip this s	section	n)		1000			
1. What type of I				Gene	ral NPDES Permit	-	10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -			NPDE:	S #	
2. What date was	s the NPDES	permit issu	ied?									
3. What date doe	s the NPDES	S permit ex	oire?						***			
4. Is a copy of th								*****		YES [NO	
5. Permitted num	nber of anim	als (no. & s	pecie)?									
6. Does the NPD										YES [_ NO	
7. Have there be						e peri	mit v	vas issued?		YES [NO	
If "YES", provi	de a detaile	d descriptio	n of thos	se ch	anges.							
None												

Facility Name: Green Management of Bureau County, LLC; M-4



Inspection Date: 5-23-13

LAND APPLICATION/NUTRIENT MANAGEMENT		
How many TOTAL acres are available for land application? 660 acres		
2. How many acres are READILY available for land application at the time of inspection?		_ acres
3. Estimated annual quantities of liquid waste <u>2.5 MG</u> gallons		
4. Estimated annual quantities of solid waste tons		
5. Does the facility have a contractor perform land application? If "YES", Name of Contractor:	YES	□ NO
6. What type of land application equipment is available to the facility?		
🔲 Umbilical Injection 🔲 Honeywagon Injection 🔲 Honeywagon Surface 🔲 Irriga	ation	
☐ Rotational Gun ☐ Manure Spreader ☐ Vegetative Filter ☐ Other		
7. Does the facility calibrate the land application equipment? If "YES", What method is used?	YES	□ NO
8. Does the facility land apply within the 150 foot setback from any water well? If "YES", Explain	☐ YES	□ NO
9. Does the facility land apply within the 200 foot setback from any surface water? If "YES", Explain	YES	□ NO
10.Does the facility land apply near any residences? If "YES", Explain	YES	□ NO
11.Is livestock waste transferred off-site to another party?	YES	□ NO
If "YES", Are records of manure transfers kept? If "YES", Ask to see records	YES	□ NO
12.Does the facility have a current NMP or CNMP? If "YES", Does the facility maintain a copy of the nutrient management plan (NMP)	YES YES	□ NO □ NO
onsite?		
13. Does the NMP reflect the current operational characteristics (number of animals, cropping, etc.)?	☐ YES	□ NO
14. Are the number of acres owned/leased consistent with those in the NMP?	YES	□ NO
15.Is manure and wastewater being applied in accordance with setback/buffer requirements of the NMP?	YES	□ NO
16. Are all of the records identified in the NMP being maintained and kept current?	YES	□ NO
17.Are records being maintained at the required frequency?	YES	□ NO
18. Are records being maintained onsite for the period required by NMP and/or NPDES permit?	YES	□ NO
19.Is the NMP adequately addressing the storage, handling and application of manure and wastewater to prevent discharges to waters of the U.S.?	☐ YES	□ NO

Тур	e of Animals	Number of Animals (currently)	Animal Capacity	Type of Confinement	Number of Structures
SWI	NE > 55 LBS	3600	3600	TOTAL CONFINEMENT BDG	3
	WARRANT TO THE PARTY OF THE PAR		1		

	the facility have an Illinois C				YES 🛛 NO
_	eater than 1000 animal units	s but less than 5000) animal un	its, does the facility have a \square N/A \square	YES NO
	e management plan?				
	eater than 5000 animal units	s, has the facility su	ıbmitted a v	waste management plan to $ \Box\>\>$ N/A $ \Box\>\>\>$	YES NO
	A for review?				1
				ership, or where equipment and/or	YES NO
		other site shares la	nd applicati	on sites? If so, put names and	
	esses below.				ļ
Non	e				
			•		
LIV	ESTOCK WASTE STORAG	E STEELSTEE			
1.	Does the facility have any	, evicting livectock	wasto conta	ninment system? X YES NO	g grants a success saveters of the
Τ.	If NO, then proceed to gu	-	waste conta	inititetic system: 🖂 125 🗀 110	
	i No, then proceed to qu	destion to.			
2.	General description of the	waste containmen	t system (ir	nclude solid and liquid manure handling,	mortality, and
	feed storage areas).		, ,	•	
	M-4 consists of three 1	L100-pig barns w	ith 8 ft ma	nure pits. The barns each have mu	ltiple bulk
	bins for feed storage.				•
	_	• •	• •	-	
ı					
:				•	

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Facility Name: Green Management of Bureau County, LLC; M-4

xemption	6 and	Exem	otion	7(C)	

Inspection Date: 5-23-13

7	Type of Storage	Total Storage Capacity (Specify Units)		
	Anaerobic Lagoon			
	Covered Lagoon			
[Holding Pond			
	Above Ground Storage Tank ("Slurrystore")			
	Below Ground Storage Tank			
	Settling Basin			
	Roofed Storage Shed			
	Concrete Pad			
	Impervious Soil Pad			
	☑ Underfloor Pits	8 ft manure pits		
	Anaerobic Digester			
	Manure Stacks			
Ī	☐ Vegetative Filter			
	Other			
	None			
3.	Do the storage structures have depth marker	rs or staff gauges? YES NO		
4.	, a core of manage and accura	s recorded and records kept? 🛛 YES 🔲 NO		
5.	Do the storage structures have adequate freeboard? $oxedown$ YES $oxedown$ NO			
6.		oard in. of total depth in.		
7.		nspections of the storage structures? X YES NO		
8.	Are the routine visual inspections documente	d? 🗵 YES 📙 NO		
9.		•		
	If "YES", please provide a description (overflodischarge). None	ow pipe, spill way, etc. Include a description the area receiving the		
10). Are there any portions of the production area	where runoff is not controlled? YES NO		
	If "YES", provide a detailed description of the None	e area(s) of concern:		
М	ORTALITIES MANAGEMENT			
1.	How are mortalities managed? (Composted, Rendering service	buried, burned, rendering service, other)		
2.	Are mortalities documented and are records	kept? 🛛 YES 🗌 NO		

FAC	ILITY WATER SOURCES
1.	What type of method is used to provide drinking water for the animals?
	☐ Overflow waters ☐ Tip Tanks ☒ Nipple waters ☒ Water Bowls ☐ Other
2.	How is the water for animals obtained? ☐ Community PWS ☐ On-Site Well ☐ On-Site Impoundment ☐ Other
3.	Is a mist cooling system used? ☑ YES ☐ NO How is mist water contained? Falls into manure pit
DAI	RY OPERATION (If No Dairy, skip this section)
1.	How many times per day are cows milked?
2.	Describe how the dairy's non-contact cooling water is contained (Example: it is reused for drinking water for the animals). None
3.	Describe how the milking parlor is cleaned (hose or flush) and where the process wastewater goes and how it is contained. None
4.	Describe how the tank(s) are washed and where the process wastewater goes and how it is contained. None
5.	Describe where process wastewater from the plate cooler goes and how it is contained. None
BED	DING (If No Bedding, skip this section)
1.	Describe what type of bedding is used for the animals. None
2.	Describe how bedding is collected and how often. None
3.	What is done with the used bedding? Reused Land Applied

Facility Name: Green Management of Bureau County, LLC; M-4

Inspection Date: 5-23-13

MAI	NURE COLLECTION
1.	How is manure collected?
	☑ Under Floor Pit
	Scraped:
	☐ Flush
	☐ Solids Separator
	Other:
	□ None
2.	If manure collection system uses either clean or reused water to flush, describe where this water goes and how it is contained.
	None
FFF	D STORAGE CONTAINMENT
1.	Describe how feed (silage, hay, etc) is contained. Bulk Bins
	☐ Silage Pit
	☐ Ag Bags
	☐ Hay: ☐ Barn ☐ Outdoor
	Other:
2.	Describe how feed (silage, hay, etc) runoff is contained.
	☐ Not Applicable — Feed totally enclosed
	Other: None
RE	CEIVING SURFACE WATERS
1.	Provide a description of the flow path from the facility to the nearest named surface water.
	Enters a nearby drainage ditch and flows west 4-1/2 miles to Green River.
2.	What is the name of the receiving stream?
	Green River
3.	Status of the named surface water: Intermittent Perennial
	The manage of the state of the
4.	Are any unnatural bottom deposits observed in the receiving stream: YES NO
	If "YES", provide a description of the deposits: None
	Le , p. e //de à decomption of the deposite. Hone

⊠ N/A

Did not Enter

YES

YES

X YES

NO

NO

 \bowtie NO

6. Were disposable coveralls donned prior to entering the livestock

8. Was disposable sanitary outerwear disposed at the facility?

management/waste handling facility(s)?

7. Was sanitary footwear used during the inspection?

Facility Name: Green Management of Bureau County, LLC; M-4 Inspection Date: 5-23-13 **BIOSECURITY - Vehicle** 9. Was the vehicle parking location discussed with the facility prior to inspection? YES NO 10. Was the vehicle washed since the inspection prior to current? If "YES" skip question 11. ✓ YES NO 11. Was the vehicle parked >300-feet from the livestock management/waste YES \bowtie NO N/A handling facility? Explain where vehicle was parked: 12. Was IEPA vehicle used on site? YES X NO 13. Was facility vehicle used on site? X YES NO **BIOSECURITY – Inspection Equipment** 14. Was all equipment wiped down with anti-bacterial wipes? \boxtimes NO YES 15. Was sample cooler kept inside vehicle during inspection? If "YES" skip question 16. X YES NO 16. Was sample cooler wiped down with antibacterial wipes before placing back into I N/A | YES NO vehicle? **OTHER COMMENTS/NOTES** See accompanying inspection report and photos Check all attachments:

Narrative **Photos** Site Plan Sample Results

REPORT DATE

5-23-13

Cc: BOW/DWPC/RU

INSPECTOR'S SIGNATURE

Attachments:____

Revised March 2012

GENERAL INFOR	MATION							ing same that give		
TYPE OF INSPECTIO ☐ CAFO ☐ COMF		RECONNAISS	SANCE	☐ ERL	J FOLLOW	UP 🗌 OF	PERAT	OR REQUEST		OTHER
FACILITY NAME (LLC Green Managemer						m	1	PECTION DAT 23-13	E	ARRIVAL TIME 10:15 AM
ADDRESS 22795 Ill. Rt. 40					TITUDE (D 11.479	ecimal)		SITUDE (Decin 9.686	nal)	DEPARTURE TIME 12:30 PM
CITY Walnut		STATE IL	ZIP COD 61376		SPECTOR(s e Heeren	5)				(if applicable)
COUNTY Bureau	SECTION 9	TOWNSHIP 17N	RANGE 7E	POLIT Manli			50	MPERATURE)'s	Ligi	CIPITATION TYPE ot Rain
Facility Owner(s): Exemption 6 and Exemption 7(C)	NAME James McC I	ıne				ONTACTED YES N		ONE	Exem	DBILE nption 6 and Exemption 7(C)
	^{ADDRESS} E xemptic	n 6 and	Exem	ption	7(C)			STATE	ZIP	CODE
	NAME					NTACTED YES [] N		ONE	- I	MOBILE
	ADDRESS				CITY			STATE	ZIP	CODE
Facility Operator(s):	NAME	· · ·				NTACTED YES N		ONE]	MOBILE
Exemption 6 and Exemption 7(C)	ADDRESS				CITY		•	STATE	ZIP	CODE
	NAME	11 Marie 1 Mar			C	ONTACTED YES □ N		ONE		MOBILE
	ADDRESS "			-	CITY		·	STATE	ZIP	CODE
NPDES PERMIT	INFORMAT	TION (If n	o NPDE	S Per	mit, skip	this sect	ion)			
 What type of ſ Individua 				Genera	al NPDES	Permit				NPDES #
2. What date was	the NPDES	permit issu	ıed?							
3. What date doe					***					YES NO
4. Is a copy of th 5. Permitted num						······		^-^-		ILS INO
6. Does the NPD				sched	ule?					YES NO
7. Have there be		_				ince the pe	rmit	was issued?		YES NO
If "YES", provi	de a detaile	d descriptio	n of tho	se cha	nges.					
Mone										

Facility Name: Green Management of Bureau County, LLC; Anderson South Farm Inspection Date: 5-23-13

LAND APPLICATION/NUTRIENT MANAGEMENT		
How many TOTAL acres are available for land application? 400 acres	S	
2. How many acres are READILY available for land application at the time of inspe	ection?	acres
3. Estimated annual quantities of liquid waste gallons		
4. Estimated annual quantities of solid waste tons		
5. Does the facility have a contractor perform land application? If "YES", Name of Contractor: Manthei		□ NO
6. What type of land application equipment is available to the facility?		
☐ Umbilical Injection ☒ Honeywagon Injection ☐ Honeywagon Surfac	e 🗌 Irrigation	
☐ Rotational Gun ☐ Manure Spreader ☐ Vegetative Filter ☐ Other	and the state of t	
7. Does the facility calibrate the land application equipment? If "YES", What method is used? Flow meter	⊠ YES	□ NO
8. Does the facility land apply within the 150 foot setback from any water well? If "YES", Explain	☐ YES	⊠ NO
9. Does the facility land apply within the 200 foot setback from any surface water If "YES", Explain	? YES	⊠ NO
10. Does the facility land apply near any residences? If "YES", Explain	☐ YES	⊠ NO
11.Is livestock waste transferred off-site to another party?		□ NO
If "YES", Are records of manure transfers kept? If "YES", Ask to see records		□ NO
12.Does the facility have a current NMP or CNMP? If "YES", Does the facility maintain a copy of the nutrient management plates onsite?	n (NMP) YES	□ NO □ NO
13. Does the NMP reflect the current operational characteristics (number of animal etc.)?	s, cropping, YES	□ NO
14. Are the number of acres owned/leased consistent with those in the NMP?	☐ YES	□ NO
15.Is manure and wastewater being applied in accordance with setback/buffer recoff the NMP?	quirements YES	□ NO
16. Are all of the records identified in the NMP being maintained and kept current?	☐ YES	□ NO
17. Are records being maintained at the required frequency?	☐ YES	□ NO
18. Are records being maintained onsite for the period required by NMP and/or NP	DES permit? YES	□ NO
19. Is the NMP adequately addressing the storage, handling and application of man wastewater to prevent discharges to waters of the U.S.?	nure and YES	□ NO

Facility Name: Green Management of Bureau County, LLC; Anderson South Farm Inspection Date: 5-23-13

If greater than 1000 animal units but less than 5000 animal units, does the facility have a N/A Swaste management plan? If greater than 5000 animal units, has the facility submitted a waste management plan to N/A	
If greater than 1000 animal units but less than 5000 animal units, does the facility have a N/A YE waste management plan? If greater than 5000 animal units, has the facility submitted a waste management plan to N/A NA	1
If greater than 1000 animal units but less than 5000 animal units, does the facility have a N/A YE waste management plan? If greater than 5000 animal units, has the facility submitted a waste management plan to N/A NA	
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If greater than 1000 animal units but less than 5000 animal units, does the facility have a waste management plan? If greater than 5000 animal units, has the facility submitted a waste management plan to IDOA for review? Does the facility have any other locations under common ownership, or where equipment and/or manure is shared, or where the other site shares land application sites? If so, put names and addresses below. 2577 1945 N Avenue, Sheffield, Illinois M-2 on Ill. Rt. 40, Sheffield, Illinois M-4, 150 E Avenue, Fairfield, Illinois Boar Power, 450 East Avenue, Sheffield, Illinois LIVESTOCK WASTE STORAGE 1. Does the facility have any existing livestock waste containment system? YES NO	
If greater than 1000 animal units but less than 5000 animal units, does the facility have a N/A YE waste management plan? If greater than 5000 animal units, has the facility submitted a waste management plan to N/A NA	
If greater than 1000 animal units but less than 5000 animal units, does the facility have a N/A YE waste management plan? If greater than 5000 animal units, has the facility submitted a waste management plan to N/A NA	
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IDOA for review? Does the facility have any other locations under common ownership, or where equipment and/or manure is shared, or where the other site shares land application sites? If so, put names and addresses below. 2577 1945 N Avenue, Sheffield, Illinois M-2 on Ill. Rt. 40, Sheffield, Illinois M-4, 150 E Avenue, Fairfield, Illinois Boar Power, 450 East Avenue, Sheffield, Illinois LIVESTOCK WASTE STORAGE 1. Does the facility have any existing livestock waste containment system? YES NO	ES I
manure is shared, or where the other site shares land application sites? If so, put names and addresses below. 2577 1945 N Avenue, Sheffield, Illinois M-2 on Ill. Rt. 40, Sheffield, Illinois M-4, 150 E Avenue, Fairfield, Illinois Boar Power, 450 East Avenue, Sheffield, Illinois LIVESTOCK WASTE STORAGE 1. Does the facility have any existing livestock waste containment system? YES NO	
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2577 1945 N Avenue, Sheffield, Illinois M-2 on Ill. Rt. 40, Sheffield, Illinois M-4, 150 E Avenue, Fairfield, Illinois Boar Power, 450 East Avenue, Sheffield, Illinois LIVESTOCK WASTE STORAGE 1. Does the facility have any existing livestock waste containment system? YES NO	ļ
M-2 on Ill. Rt. 40, Sheffield, Illinois M-4, 150 E Avenue, Fairfield, Illinois Boar Power, 450 East Avenue, Sheffield, Illinois LIVESTOCK WASTE STORAGE 1. Does the facility have any existing livestock waste containment system? YES NO	Ì
M-4, 150 E Avenue, Fairfield, Illinois Boar Power, 450 East Avenue, Sheffield, Illinois LIVESTOCK WASTE STORAGE 1. Does the facility have any existing livestock waste containment system? YES NO	
LIVESTOCK WASTE STORAGE 1. Does the facility have any existing livestock waste containment system? YES NO	
1. Does the facility have any existing livestock waste containment system? 🛛 YES 🔲 NO	
1. Does the facility have any existing livestock waste containment system? 🛛 YES 🔲 NO	
Does the facility have any existing livestock waste containment system? ✓ YES ☐ NO ✓ NO	
	a rene i como distribui
	100000000000000000000000000000000000000
i No, then proceed to question to:	
2. General description of the waste containment system (include solid and liquid manure handling, mo	ortality,
feed storage areas).	
3 - 1100-head pig barns have partial, shallow manure pits that have a scraper system t transfers manure to a reception pit and then into a 1.6 MG Slurrystore. Multiple bulk bit	
located adjacent to the barns, store the hog feed. Hog mortality is picked up by a local	
rendering service.	,

Facility Name: Green Management of Bureau County, LLC; Anderson South Farm Inspection Date: 5-23-13 Type of Storage Total Storage Capacity (Specify Units) Anaerobic Lagoon Covered Lagoon Holding Pond Above Ground Storage Tank ("Slurrystore") Below Ground Storage Tank Settling Basin Roofed Storage Shed Concrete Pad Impervious Soil Pad Underfloor Pits Anaerobic Digester Manure Stacks Vegetative Filter Other None 3. Do the storage structures have depth markers or staff gauges?

YES \boxtimes NO Are levels of manure in the storage structures recorded and records kept?

YES 4. 5. Do the storage structures have adequate freeboard? X YES □ NO 6. Estimated final stage storage structure freeboard ______ in. of total depth Do facility personnel perform routine visual inspections of the storage structures? X YES □ NO 8. Are the routine visual inspections documented? X YES 9. Does the system have an outfall or discharge point?
YES \bowtie NO If "YES", please provide a description (overflow pipe, spill way, etc. Include a description the area receiving the discharge). None 10. Are there any portions of the production area where runoff is not controlled? If "YES", provide a detailed description of the area(s) of concern: None MORTALITIES MANAGEMENT 1. How are mortalities managed? (Composted, buried, burned, rendering service, other) Rendering service

□ NO

2.

Are mortalities documented and are records kept? X YES

Facility Name: Green Management of Bureau County, LLC; Anderson South Farm Inspection Date: 5-23-13 **FACILITY WATER SOURCES** What type of method is used to provide drinking water for the animals? Overflow waters ☐ Tip Tanks ☐ Nipple waters ☐ Water Bowls ☐ Other 2. How is the water for animals obtained? ☐ Community PWS ☐ On-Site Well On-Site Impoundment Other Is a mist cooling system used? X YES 3. NO How is mist water contained? Falls into manure pit DAIRY OPERATION (If No Dairy, skip this section) How many times per day are cows milked? _____ 2. Describe how the dairy's non-contact cooling water is contained (Example: it is reused for drinking water for the animals). None 3. Describe how the milking parlor is cleaned (hose or flush) and where the process wastewater goes and how it is contained. None 4. Describe how the tank(s) are washed and where the process wastewater goes and how it is contained. None 5. Describe where process wastewater from the plate cooler goes and how it is contained. None BEDDING (If No Bedding, skip this section) 1. Describe what type of bedding is used for the animals. None 2. Describe how bedding is collected and how often. None What is done with the used bedding?
Reused ☐ Land Applied 3.

Facility Name: Green Management of Bureau County, LLC; Anderson South Farm Inspection Date: 5-23-13 **MANURE COLLECTION** How is manure collected? Under Floor Pit Flush ☐ Solids Separator Other: _____ None 2. If manure collection system uses either clean or reused water to flush, describe where this water goes and how it is contained. None FEED STORAGE CONTAINMENT Describe how feed (silage, hay, etc) is contained. □ Bulk Bins ☐ Silage Pit ☐ Ag Bags ☐ Hay: ☐ Barn ☐ Outdoor Other: _____ Describe how feed (silage, hay, etc) runoff is contained. ■ Not Applicable – Feed totally enclosed Other: _____ ■ None **RECEIVING SURFACE WATERS**

1.	Provide a description of the flow path from the facility to the nearest named surface water.
	Flow would travel northwest approximately 2-1/2 miles to Green River.
2.	What is the name of the receiving stream?
	Green River
3.	Status of the named surface water: Intermittent Perennial
4.	Are any unnatural bottom deposits observed in the receiving stream: YES NO
	If "YES", provide a description of the deposits: None

Facility Name: Green Management of Bureau County, LLC; Anderson South Farm Inspection Date: 5-23-13 **DISCHARGES** 1. Have there been any documented discharges of livestock waste to surface water *in the* YES ⊠ NO past year? If "NO" proceed to guestion 2. a. If "YES", specify the date(s). b. What was the reason for the discharge? Was the discharge the result of a 25 year-24 hour rainfall event? YES NO What was the precipitation amount? (if applicable) e. Was IEMA notified of the discharge? YES NO f. Has the facility taken corrective action to remedy the situation which caused the YES NO discharge(s)? If "YES", describe actions taken: None 2. Is the facility currently discharging livestock waste from the production area? If "NO" YES \bowtie NO proceed to next section. a. Was the discharge the result of a 25 year-24 hour rainfall event? YES NO b. What was the precipitation amount? (if applicable) c. What is the reason for the discharge? d. Were water quality samples taken? YES NO e. If "YES", how many? What parameter(s) tested? | pH Nitrite Ammonia Nitrate Phosphorus BOD₅ Diss O₂ Other **BIOSECURITY – Inspection Activities** 1. Were biosecurity measures discussed with the facility prior to inspection? YES \boxtimes NO 2. Has there been 24-hours downtime between inspections for all IEPA personnel present? \boxtimes YES NO 3. Was the order of inspection conducted from high risk to low risk? ⊠ N/A YES NO 4. Did all personnel stay outside livestock management and livestock waste handling facilities X YES NO as defined in 35 IAC 501.285 and 35 IAC 501.300? If "YES" skip to guestion 7. **BIOSECURITY** — Personal Protection Equipment 5. Was sanitary footwear donned prior to entering the livestock ⊠ N/A YES NO management/waste handling facility(s)? Did not Enter 6. Were disposable coveralls donned prior to entering the livestock \bowtie N/A YES NO

Did not Enter

YES

NO

⊠ NO

management/waste handling facility(s)?

Was sanitary footwear used during the inspection?

Was disposable sanitary outerwear disposed at the facility?

BIOSECURITY - Vehicle 9. Was the vehicle parking location discussed with the facility prior to inspection? YES \bowtie NO 10. Was the vehicle washed since the inspection prior to current? If "YES" skip question 11. NO 11. Was the vehicle parked >300-feet from the livestock management/waste NO NO YES handling facility? Explain where vehicle was parked: 12. Was IEPA vehicle used on site? YES \boxtimes NO 13. Was facility vehicle used on site? ✓ YES NO **BIOSECURITY - Inspection Equipment** 14. Was all equipment wiped down with anti-bacterial wipes? YES NO 15. Was sample cooler kept inside vehicle during inspection? If "YES" skip question 16. YES NO 16. Was sample cooler wiped down with antibacterial wipes before placing back into N/A YES NO vehicle? **OTHER COMMENTS/NOTES** See accompanying inspection report and photos Check all attachments: Narrative **Photos** Site Plan Sample Results **INSPECTOR'S SIGNATURE** REPORT DATE 5-23-13

Facility Name: Green Management of Bureau County, LLC; Anderson South Farm

Cc: BOW/DWPC/RU

Attachments:____

Revised March 2012

Inspection Date: 5-23-13



Map Point	Description
1	3 - 1200 hog finisher confinement buildings, 8 ft. manure pits

Exemption 6 and Exemption 7(C)

150 E., Thomas, Ill. 3-1200 Hog capacity finisher Bldgs.



PHONE: 438-6365





ILLINOIS

TAMPICO

James McCune, Boarpower Swine Facility,450th Street East Ave., Sheffield, III. May 23, 2013



Map Point	Description	
1	2400 head swine finisher confinement building w/ 10 ft. manure pit	
2	Older 1100 pig confinement buildings scheduled to be demolished in 2013	

Boar Power Swine Facility

GOLD

T. 17 N.-R.6 E.

Exemption 6 and Exemption 7(C)

2300N

2200N

2100N

N0002

ISOON

NOO

James McCene - Truck Wash SW/2\$/17N/06E

Manlius—SW/24/17/1900 —Oil Co. Inc.—

FUELS • PROPANE • TIRES • AUTO SERVICE

P.O. Box 325, Manlius, Illinois 61338 — Phone: (815) 445-3122

James McCune, M-2 Facility, 18500 Illinois Route 40, Sheffield, Illinois May 23, 2013



Map	
Point	Description
1	3-1100 hog confinement buildings w/ 1.6 MG Slurrystore owned by Doug Lenhart
2	M-2 Facility;3- 1100 hog confinement buildings w/ 1.6 MG Slurrystore owned by James McCune
3	(The Lenhart hog facility is part of the Green Management of Bureau County, LLC. Cooperative.)

M-2 Swene tacility on 20114. 40

Exemption 6 and Exemption 7(C)

_Dave Anderson - North _SE/04/17N/07E

Dave Anderson - South NE/09/17N/07E

> Agricultural Chemicals and Fertilizer (800) 535-2185 New and Used Equipment

> > CONCLIN

Box 287, Manlius, Illinois 61338 - Phone: (815) 445-6641

_James McCune - Rt. 40 Slurrystores NE/34/17N/07E

Consultants, Ltd.

Michael R. Crowley, Sr., S.R.A., R.M. Michael R. Crowley, Jr., S.R.A. STATE CERTIFIED GENERAL APPRAISERS

(815) 664-4422

Fax: (815) 663-1017
200 WEST ST. PAUL - SPRING VALLEY, ILLINOIS 61362

James McCune,

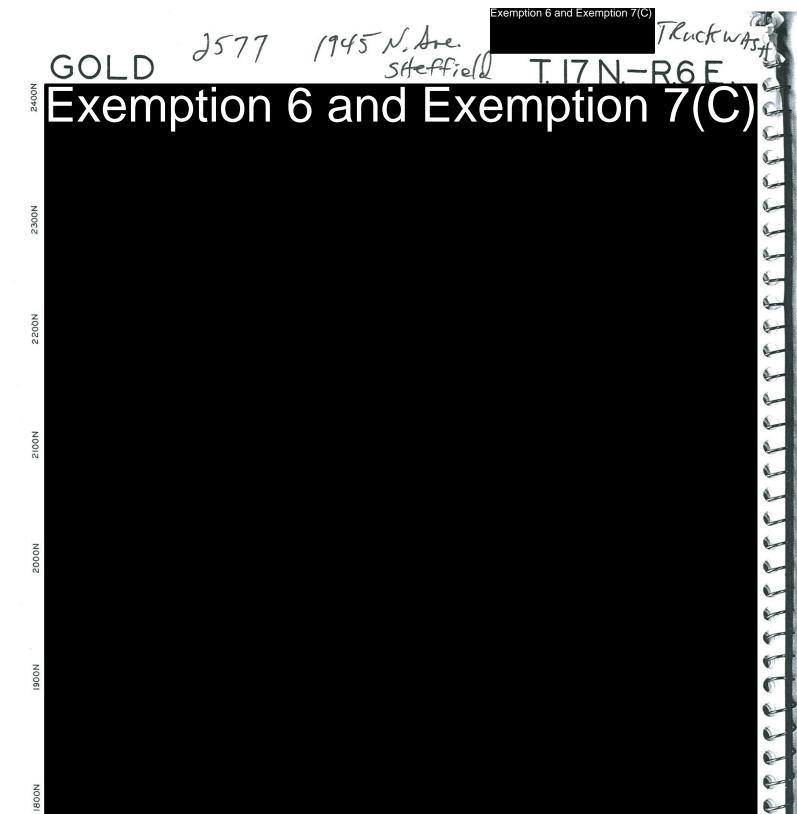


2577 1945 N. Ave., Sheffield, Illinois

May 23, 2013



Map Point	Description
1	One of the earthen feedlots used for the 1100 beef cow-calf enterprise
2	M-1 swine facility; 3-1100 hog confinement buildings w/ 2 ft. manure pits and 1.6 MG Slurrystore.
3	M-5 swine facility; 3600 hog confinement building w/8 ft. manure pit.
4	M-3 swine facility; 3-1100 hog confinement buildings w/ 2 ft. manure pits and 1.6 MG Slurrystore.
5	Earthen storage basin for commercial truck wash enterprise
6	Feed storage area for cattle enterprise
7	M-6 swine facility; 3600 hog confinement building w/ 8 ft. manure pit.



James McC@ne - Truck Wash ⁻SW/23/17N/06E

Manlius—SW/23/1/N/UDE
—Oil Co. Inc.

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James McCune, Anderson North and South Facilities, Illinois Route 40, Sheffield, Illinois

May 23, 2013



Map	
Point	Description
1	Anderson North Facility, 3-1100 hog confinement buildings w/ 1.6 MG Slurrystore
2	Anderson South Facility, 3-1100 hog confinement buildings w/ 1.6 MG Slurrystore

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MANLIUS David Anderson North - Section 9

Exemption 6 and Exemption 7

Dave Anderson - North SE/04/17N/07E

Dave Anderson - South NE/09/17N/07E

> Agricultural Chemicals and Fertilizer (800) 535-2185 New and Used Equipment

> > CONCLIN

Box 287, Manlius, Illinois 61338 - Phone: (815) 445-6641

James McCune - Rt. 40 Slurrystores NE/34/17N/07E

Michael R. Crowley, Sr., S.R.A., R.M. Michael R. Crowley, Jr., S.R.A. STATE CERTIFIED GENERAL APPRAISERS

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